Revised by NYSDEC July 1999

ATTACHMENT A-

WASTE CHARACTERISTICS
AND
LIQUID WASTE INCINERATION

TABLE OF CONTENTS

A 135

APPENDIX

A136

LIST OF TABLES

A 137

SECTION A2-1
WASTE CHARACTERISTICS

A2-1 - WASTE CHARACTERISTICS

A2-1.1 WASTE CHARACTERISTICS

The hazardous wastes managed at the OCC Niagara Plant are listed in Table A2-1 according to waste category and EPA Hazardous Waste Number. This table includes all the hazardous wastes currently being managed at the Niagara Plant and additional hazardous wastes which may be generated from planned plant operations. The hazardous waste numbers are determined by applying knowledge of the hazardous characteristics of the waste, knowledge of the materials and the process used in generating the waste, and results of the waste sample analyses conducted according to the Waste Analysis Plan (Attachment A1). This table also includes the EPA Hazard Code associated with each waste number and the regulatory basis (citation) for the waste's designation as hazardous.

The hazardous waste streams currently managed at the OCC Niagara Plant are listed in Table A2-2A according to waste category and OCC's Niagara Plant waste stream identification numbers which are primarily used for on-site inventory control and cost allocation. The hazardous waste number and hazard code associated with each OCC waste identification number and the basis for the hazardous waste designation are included in the table. The hazard code designation for each waste is based on the determination described above. The Niagara Plant manages hazardous wastes primarily on the basis of the hazardous waste numbers and waste characteristics information obtained through process knowledge and implementation of the Waste Analysis Plan.

The non-hazardous waste streams currently managed at the OCC Niagara Plant are listed by category in Table A2-2B. A brief description of the wastes and the basis for the non-hazardous designation are included in the table.

A2-1.1.1 Waste Stored in Containers

Containers are used to store, handle, transport, and manage hazardous waste listed under all categories in Table A2-1. A summary of the hazardous waste numbers for wastes currently managed in containers is given in Table A2-3.

Containers used to store, hold, and transport hazardous waste are in good condition. The DOT-approved and marked containers are new, used, or reconditioned and are free of structural defects, leaks, or cracks that might impair their ability to hold the waste. If a container begins to leak, the hazardous waste in the leaking container is transferred to a container that can safely store the waste.

Hazardous waste is stored only in containers that are constructed of materials that are compatible with the waste. Selection of container materials of construction for wastes is based on knowledge of the existing processes from which the waste is generated and prior experience of containers used to manage the waste materials. The selection is also based on a combination of documented waste/container assessment studies, physical and chemical waste analyses, vendor literature, or data from appropriate handbooks. If insufficient information or process knowledge is available, waste compatibility studies as outlined in the Waste Analysis Plan, may be conducted on proposed container materials of construction.

Containers holding hazardous waste are managed to provide safe operation as follows:

- Each waste is analyzed in accordance with the Waste Analysis Plan
- Containers remain closed during storage and transportation except during sampling, filling, and removal of waste
- Handling of containers is conducted by trained operations personnel who have been instructed in hazardous materials handling
- Hazardous material is not to be added to an unwashed container that previously held a material that is incompatible with the waste
- Hazardous material is not to be added to a container holding material that is incompatible with the waste
- Containers are made from or lined with materials that have been shown acceptable for handling the specific hazardous waste
- Hazardous waste in containers are labeled to facilitate proper handling and management practices.

Details regarding container management practices and container storage area design are presented in Attachments D-1, D-2, and E.

A2-1.1.2 Waste Stored in Tanks

Tanks are used to store and manage hazardous waste listed under the process organic liquids and remedial organic liquids categories in Table A2-1. A summary of the hazard waste numbers for wastes currently managed in tanks is given in Table A2-4.

A140

All hazardous wastes stored in tanks at the OCC Niagara Plant are analyzed in accordance with the Waste Analysis Plan. The wastes are classified as to their compatibility with the storage tanks prior to transferring material into a storage tank. Hazardous waste are transferred to and stored only in tanks that are constructed of materials compatible with the waste.

At the liquid waste incinerator, selection of the tank(s) for storage of a hazardous waste is based on knowledge of the existing processes from which the waste is generated and experience with the waste materials stored in the tanks. The selection is also based on a combination of documented waste/tank assessment studies, physical and chemical waste analyses, vendor literature, or data from appropriate handbooks. If insufficient information or process knowledge is available, waste compatibility studies as outlined in the Waste Analysis Plan, may be conducted on the storage tank materials of construction.

Tanks storing hazardous waste are managed to provide safe operation as follows:

- Each waste is analyzed in accordance with the Waste Analysis Plan
- Trained operations personnel who have been instructed in hazardous materials handling are used to load, unload, and monitor hazardous waste tank storage operations
- Hazardous material is not to be added to an unwashed tank that previously held a material that is incompatible with the waste
- Hazardous material is not added to a tank holding material that is incompatible with the waste
- Tanks are made from or lined with materials that have been shown acceptable for handling the specific hazardous waste
- Hazardous waste storage tanks are labeled to facilitate proper handling and management practices.

Details regarding tank management practices and storage tank design are presented in Attachment E. Details on the liquid waste incinerator wastes that are stored in tanks are presented in Section A2-2.

A141

A2-1.1.3 Waste Analysis Results

The analytical results for all currently managed process sludges/solids, remedial sludges/solids, and aqueous wastes (Tables A2-2A and A2-2B) are provided on example waste characterization forms included in Appendix A2-1. Each waste was reviewed with the generator and representative information is contained on each sheet. In certain cases, ranges in values may be given because compositions vary. (Information on process organic and remedial organic wastes is provided in Section A2-2.)

A2-1.1.4 Addition of a Permitted Hazardous Waste Number into Current Waste Management

Hazardous waste numbers are included in Table A2-1 that are not currently being managed, but are anticipated to be generated from planned plant operations during the early part of the permit period. Since the wastes are not available for detailed characterization, the following procedure will be implemented to obtain and document the information needed for management of the additional waste.

The additional waste will be characterized in accordance with the Waste Analysis Plan and assigned one or more EPA Hazardous Waste Number(s), as appropriate. If an assigned hazardous waste number is listed in Table A2-1, then the waste's characteristics will be reviewed to determine if it can be stored and treated in compliance with the performance standards and conditions specified in the permit. If a determination is made that the waste can be managed within permit requirements, then OCC will proceed to document the review findings and to manage the waste accordingly. The following information will be included in the documentation:

a) A description of the process generating the waste, including (when applicable) a process flow sheet, summary of the process chemistry, and a description of the expected variability of the waste stream.

b) A listing of the raw materials (including contaminants in the raw materials) used in the process generating the waste, including a description of the expected reaction by-products and any catalysts used or any other sources of hazardous constituents.

c) An estimate of the annual quantity of waste to be burned.

d) Analytical reports which provide the information required for waste characterization in Section A1-2.1 of the Waste Analysis Plan.

e) A description of expected incinerator operating conditions, if applicable

f) Proposed handling and storage procedures.

The above documentation records will be retained in the Environmental Control Department's Part 373 permit files.

If the waste characterization review findings indicate that the waste cannot be stored and/or treated within the required permit conditions, the waste will be sent to an off-site facility that is permitted for storage, treatment, or disposal of the waste material.

If the assigned EPA Hazardous Waste Number is not listed on the Table A2-1 (Section A2-1) then OCC will either send the waste material to an approved off-site facility or submit an application to the NYDEC for modification of the permit to manage the waste as appropriate.

A-1.1.5 Waste Disposition

Typical treatment, storage, and disposal alternatives for the waste streams listed in Tables A2-2A and A2-2B are listed in Tables A2-5A and A2-5B for the hazardous and non-hazardous waste streams respectively.

A2-1.2 WASTE CHARACTERIZATION FORMS

Appendix A2-I contains examples of the Niagara Plant Waste Characterization forms for all the waste currently managed at the OCC Niagara Plant (see Tables A2-2A and A2-2B, except for the liquid waste incinerator wastes which are presented in Section A2-2). Each waste was reviewed with the generator and representative information is contained on each sheet. In certain cases, ranges are given since composition does vary.

These forms are updated as needed and as required the Waste Analysis Plan.

Table A2-1. Summary of Hazardous Waste Codes Stored, Handled, and Treated at the Niagara Plant

Waste Category	Hazardous Waste Number and Code	Regulatory Basis
Process Organic Liquids	B001 Toxicity	Listed Part 371.4(e)(1)
	B002 Toxicity	Listed Part 371.4(e)(1)
	B003 Toxicity	Listed Part 371.4(e)(1)
	D001 Ignitability	NYSCRR 371.3(b)
	D002 Corrosivity	NYSCRR 371.3(c)
	D003 Reactivity	NYSCRR 371.3(d)
	D004 Toxcity Characteristic	40 CFR 261.24
	D006 Toxcity Characteristic	40 CFR 261.24
	D008 Toxicity Characteristic	40 CFR 261.24
	D018 Toxicity Characteristic	40 CFR 261.24
	D019 Toxicity Characteristic	40 CFR 261.24
	D021-Toxicity Characteristic	40 CFR 261.24
	D022-Toxicity Characteristic	40 CFR 261.24
	D026-Toxicity Characteristic	40 CFR 261.24
	D027-Toxicity Characteristic	40 CFR 261.24
	D028-Toxicity Characteristic	40 CFR 261.24
	D029-Toxicity Characteristic	40 CFR 261.24
	D032-Toxicity Characteristic	40 CFR 261.24
	D033-Toxicity Characteristic	40 CFR 261.24
	D034-Toxicity Characteristic	40 CFR 261.24
	D035-Toxicity Characteristic	40 CFR 261.24
	D039-Toxicity Characteristic	40 CFR 261.24
	D040-Toxicity Characteristic	40 CFR 261.24
	F001 Toxicity	NYSCRR 371.4(b)
	F002 Toxicity	NYSCRR 371.4(b)
	F003 Ignitability	NYSCRR 371.4(b)
	F005 Ignitability & Toxicity	NYSCRR 371.4(b)
	F020 Acute Hazardous	NYSCRR 371.4(b)
	F039 Toxicity	40 CFR 261.31
	K015 Toxicity	NYSCRR 371.4(c)
	K073 Toxicity	NYSCRR 371.4(c)
	K085 Toxicity	NYSCRR 371.4(c)
	K149 Toxicity	40 CFR 261.32
	K150 Toxicity	40 CFR 261.32
	K151 Toxicity	40 CFR 261.32
	P022 Toxicity	NYSCRR 371.4(d)(5)
	U017 Toxicity	NYSCRR 371.4(d)(6)
	U019 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U023 Corrosivity, Reactivity, and Toxicity	NYSCRR 371.4(d)(6)
	U037 Toxicity	NYSCRR 371.4(d)(6)
	U070 Toxicity	NYSCRR 371.4(d)(6)
	U071 Toxicity	NYSCRR 371.4(d)(6)
	U072 Toxicity	NYSCRR 371.4(d)(6)
	U128 Toxicity	NYSCRR 371.4(d)(6)
	U131 Toxicity	NYSCRR 371.4(d)(6)
	U188 Toxicity	NYSCRR 371.4(d)(6)
	U207 Toxicity	NYSCRR 371.4(d)(6)
	U209 Toxicity	NYSCRR 371.4(d)(6)
	U210 Toxicity	NYSCRR 371.4(d)(6)
	U211 Toxicity	NYSCRR 371.4(d)(6)
	U228 Toxicity	NYSCRR 371.4(d)(6)

Table A2-1. Summary of Hazardous Waste Codes Stored, Handled, and Treated at the Niagara Plant (continued)

Remedial Organic Liquids	B001 Toxicity	Listed Part 371.4(e)(1)
	B002 Toxicity	Listed Part 371.4(e)(1)
	B003 Toxicity	Listed Part 371.4(e)(1)
	D001 Ignitability	NYSCRR 371.3(b)
	D002 Corrosivity	NYSCRR 371.3(c)
	D003 Reactivity	NYSCRR 371.3(d)
	D004 Toxcity Characteristic	40 CFR 261.24
	D006 Toxcity Characteristic	40 CFR 261.24
	D008 Toxicity Characteristic	40 CFR 261.24
	D018 Toxicity Characteristic	40 CFR 261.24
	D019 Toxicity Characteristic	40 CFR 261.24
	D021-Toxicity Characteristic	40 CFR 261.24
	D022-Toxicity Characteristic	40 CFR 261.24
	D026-Toxicity Characteristic	40 CFR 261.24
	D027-Toxicity Characteristic	40 CFR 261.24
	D028-Toxicity Characteristic	40 CFR 261.24
	D029-Toxicity Characteristic	40 CFR 261.24
	D032-Toxicity Characteristic	40 CFR 261.24
	D033-Toxicity Characteristic	40 CFR 261.24
	D034-Toxicity Characteristic	40 CFR 261.24
	D035-Toxicity Characteristic	40 CFR 261.24
	D039-Toxicity Characteristic	40 CFR 261.24
	D040-Toxicity Characteristic	40 CFR 261.24
	F001 Toxicity	NYSCRR 371.4(b)
	F002 Toxicity	NYSCRR 371.4(b)
	F003 Ignitability	NYSCRR 371.4(b)
	F005 Ignitability & Toxicity	NYSCRR 371.4(b)
	F020 Acute Hazardous	NYSCRR 371.4(b)
	F039 Toxicity	40 CFR 261.31
	K015 Toxicity	NYSCRR 371.4(c)
	K073 Toxicity	NYSCRR 371.4(c)
	K085 Toxicity	NYSCRR 371.4(c)
	K149 Toxicity	40 CFR 261.32
	K150 Toxicity	40 CFR 261.32
	K151 Toxicity	40 CFR 261.32
	P022 Toxicity	NYSCRR 371.4(d)(5)
	U017 Toxicity	NYSCRR 371.4(d)(6)
	U019 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U023 Corrosivity, Reactivity, and Toxicity	NYSCRR 371.4(d)(6)
	U037 Toxicity	NYSCRR 371.4(d)(6)
	U070 Toxicity	NYSCRR 371.4(d)(6)
	U071 Toxicity	NYSCRR 371.4(d)(6)
	U072 Toxicity	NYSCRR 371.4(d)(6)
	U128 Toxicity	NYSCRR 371.4(d)(6)
	U131 Toxicity	NYSCRR 371.4(d)(6)
	U188 Toxicity	NYSCRR 371.4(d)(6)
	U207 Toxicity	NYSCRR 371.4(d)(6)
	U209 Toxicity	NYSCRR 371.4(d)(6)
	U210 Toxicity	NYSCRR 371.4(d)(6)
	U211 Toxicity	NYSCRR 371.4(d)(6)
	U228 Toxicity	NYSCRR 371.4(d)(6)

Table A2-1. Summary of Hazardous Waste Codes Stored, Handled, and Treated at the Niagara Plant (continued)

Process Sludges/Solids	B001 Toxicity	Listed Part 371.4(e)(1)
	B002 Toxicity	Listed Part 371.4(e)(1)
	B003 Toxicity	Listed Part 371.4(e)(1)
	B004 Toxicity	Listed Part 371.4(e)(1)
	B005 Toxicity	Listed Part 371.4(e)(1)
	B006 Toxicity	Listed Part 371.4(e)(1)
	B007 Toxicity	Listed Part 371.4(e)(1)
	D001 Ignitability	NYSCRR 371.3(b)
	D002 Corrosivity	NYSCRR 371.3(c)
	D003 Reactivity	NYSCRR 371.3(d)
	D004 Toxicity Characteristic	40 CFR 261.24
	D005 Toxicity Characteristic	40 CFR 261.24
	D006 Toxicity Characteristic	40 CFR 261.24
	D007 Toxicity Characteristic	40 CFR 261.24
	D008 Toxicity Characteristic	40 CFR 261.24
	D009 Toxicity Characteristic	40 CFR 261.24
	D010 Toxicity Characteristic	40 CFR 261.24
	D011 Toxicity Characteristic	40 CFR 261.24
	D012 Toxicity Characteristic	40 CFR 261.24
	D013 Toxicity Characteristic	40 CFR 261.24
	D014 Toxicity Characteristic	40 CFR 261.24
	D015 Toxicity Characteristic	40 CFR 261.24
	D016 Toxicity Characteristic	40 CFR 261.24
	D017 Toxicity Characteristic	40 CFR 261.24
	D018 Toxicity Characteristic	40 CFR 261.24
	D019 Toxicity Characteristic	40 CFR 261.24
	D020 Toxicity Characteristic	40 CFR 261.24
	D021 Toxicity Characteristic	40 CFR 261.24
	D022 Toxicity Characteristic	40 CFR 261.24
	D026 Toxicity Characteristic	40 CFR 261.24
	D027 Toxicity Characteristic	40 CFR 261.24
	D028 Toxicity Characteristic	40 CFR 261.24
	D029 Toxicity Characteristic	40 CFR 261.24
	D030 Toxicity Characteristic	40 CFR 261.24
	D031 Toxicity Characteristic	40 CFR 261.24
	D032 Toxicity Characteristic	40 CFR 261.24
	D033 Toxicity Characteristic	40 CFR 261.24
	D034 Toxicity Characteristic	40 CFR 261.24
	D035 Toxicity Characteristic	40 CFR 261.24
	D036 Toxicity Characteristic	40 CFR 261.24
	D037 Toxicity Characteristic	40 CFR 261.24
	D038 Toxicity Characteristic	40 CFR 261.24
	D039 Toxicity Characteristic	40 CFR 261.24
	D040 Toxicity Characteristic	40 CFR 261.24
	D041 Toxicity Characteristic	40 CFR 261.24
	D042 Toxicity Characteristic	40 CFR 261.24
	D043 Toxicity Characteristic	40 CFR 261.24
	F001 Toxicity	NYSCRR 371.4(b)
	F002 Toxicity	NYSCRR 371.4(b)
	F003 Ignitability	NYSCRR 371.4(b)
	F005 Ignitability & Toxicity	NYSCRR 371.4(b)
	F020 Acute Hazardous	NYSCRR 371.4(b)

Table A2-1. Summary of Hazardous Waste Codes Stored, Handled, and Treated at the Niagara Plant (continued)

Process Sludges/Solids (continued)	F027 Acute Hazardous	NYSCRR 371.4(b)
	F039 Toxicity	40 CFR 261.31
	K015 Toxicity	NYSCRR 371.4(c)
	K030 Toxicity	NYSCRR 371.4(c)
	K071 Toxicity	NYSCRR 371.4(c)
	K073 Toxicity	NYSCRR 371.4(c)
	K085 Toxicity	NYSCRR 371.4(c)
	K149 Toxicity	40 CFR 261.32
	K150 Toxicity	40 CFR 261.32
	K151 Toxicity	40 CFR 261.32
	P006 Reactivity and Toxicity	NYSCRR 371.4(d)(5)
	P011 Acute Hazardous	NYSCRR 371.4(d)(5)
	P012 Acute Hazardous	NYSCRR 371.4(d)(5)
	P022 Acute Hazardous	NYSCRR 371.4(d)(5)
	P028 Acute Hazardous	NYSCRR 371.4(d)(5)
	P030 Acute Hazardous	NYSCRR 371.4(d)(5)
	P050 Acute Hazardous	NYSCRR 371.4(d)(5)
	P098 Acute Hazardous	NYSCRR 371.4(d)(5)
	P104 Acute Hazardous	NYSCRR 371.4(d)(5)
	P106 Acute Hazardous	NYSCRR 371.4(d)(5)
	U002 Ignitability	NYSCRR 371.4(d)(6)
	U003 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U012 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U017 Toxicity	NYSCRR 371.4(d)(6)
	U019 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U023 Corrosivity, Reactivity, and Toxicity	NYSCRR 371.4(d)(6)
	U027 Toxicity	NYSCRR 371.4(d)(6)
	U031 Ignitability	NYSCRR 371.4(d)(6)
	U036 Toxicity	NYSCRR 371.4(d)(6)
	U037 Toxicity	NYSCRR 371.4(d)(6)
	U041 Toxicity	NYSCRR 371.4(d)(6)
	U044 Toxicity	NYSCRR 371.4(d)(6)
	U045 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U048 Toxicity	NYSCRR 371.4(d)(6)
	U050 Toxicity	NYSCRR 371.4(d)(6)
	U052 Toxicity	NYSCRR 371.4(d)(6)
	U055 Ignitability	NYSCRR 371.4(d)(6)
	U056 Ignitability	NYSCRR 371.4(d)(6)
	U057 Ignitability	NYSCRR 371.4(d)(6)
	U060 Toxicity	NYSCRR 371.4(d)(6)
	U061 Toxicity	NYSCRR 371.4(d)(6)
	U067 Toxicity	NYSCRR 371.4(d)(6)
	U070 Toxicity	NYSCRR 371.4(d)(6)
	U071 Toxicity	NYSCRR 371.4(d)(6)
	U072 Toxicity	NYSCRR 371.4(d)(6)
	U076 Toxicity	NYSCRR 371.4(d)(6)
	U077 Toxicity	NYSCRR 371.4(d)(6)
	U078 Toxicity	NYSCRR 371.4(d)(6)
	U079 Toxicity	NYSCRR 371.4(d)(6)
	U080 Toxicity	NYSCRR 371.4(d)(6)
	U081 Toxicity	NYSCRR 371.4(d)(6)
	U082 Toxicity	NYSCRR 371.4(d)(6)

Table A2-1. Summary of Hazardous Waste Codes Stored, Handled, and Treated at the Niagara Plant (continued)

Process Sludges/Solids (continued)	U101 Toxicity	NYSCRR 371.4(d)(6)
	U108 Toxicity	NYSCRR 371.4(d)(6)
	U109 Toxicity	NYSCRR 371.4(d)(6)
	U117 Ignitability	NYSCRR 371.4(d)(6)
	U121 Toxicity	NYSCRR 371.4(d)(6)
	U122 Toxicity	NYSCRR 371.4(d)(6)
	U123 Corrosivity and Toxicity	NYSCRR 371.4(d)(6)
	U125 Ignitability	NYSCRR 371.4(d)(6)
	U127 Toxicity	NYSCRR 371.4(d)(6)
	U128 Toxicity	NYSCRR 371.4(d)(6)
	U129 Toxicity	NYSCRR 371.4(d)(6)
	U130 Toxicity	NYSCRR 371.4(d)(6)
	U131 Toxicity	NYSCRR 371.4(d)(6)
	U133 Reactivity and Toxicity	NYSCRR 371.4(d)(6)
	U134 Corrosivity and Toxicity	NYSCRR 371.4(d)(6)
	U135 Toxicity	NYSCRR 371.4(d)(6)
	U144 Toxicity	NYSCRR 371.4(d)(6)
	U147 Toxicity	NYSCRR 371.4(d)(6)
	U151 Toxicity	NYSCRR 371.4(d)(6)
	U154 Ignitability	NYSCRR 371.4(d)(6)
	U157 Toxicity	NYSCRR 371.4(d)(6)
	U159 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U160 Reactivity and Toxicity	NYSCRR 371.4(d)(6)
	U161 Ignitability	NYSCRR 371.4(d)(6)
	U162 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U165 Toxicity	NYSCRR 371.4(d)(6)
	U166 Toxicity	NYSCRR 371.4(d)(6)
	U167 Toxicity	NYSCRR 371.4(d)(6)
	U170 Toxicity	NYSCRR 371.4(d)(6)
	U183 Toxicity	NYSCRR 371.4(d)(6)
	U184 Toxicity	NYSCRR 371.4(d)(6)
	U188 Toxicity	NYSCRR 371.4(d)(6)
	U189 Reactivity	NYSCRR 371.4(d)(6)
	U190 Toxicity	NYSCRR 371.4(d)(6)
	U196 Toxicity	NYSCRR 371.4(d)(6)
	U201 Toxicity	NYSCRR 371.4(d)(6)
	U202 Toxicity	NYSCRR 371.4(d)(6)
	U207 Toxicity	NYSCRR 371.4(d)(6)
	U208 Toxicity	NYSCRR 371.4(d)(6)
	U209 Toxicity	NYSCRR 371.4(d)(6)
	U210 Toxicity	NYSCRR 371.4(d)(6)
	U211 Toxicity	NYSCRR 371.4(d)(6)
	U213 Ignitability	NYSCRR 371.4(d)(6)
	U219 Toxicity	NYSCRR 371.4(d)(6)
	U220 Toxicity	NYSCRR 371.4(d)(6)
	U221 Toxicity	NYSCRR 371.4(d)(6)
	U223 Reactivity and Toxicity	NYSCRR 371.4(d)(6)
	U226 Toxicity	NYSCRR 371.4(d)(6)
	U227 Toxicity	NYSCRR 371.4(d)(6)
	U228 Toxicity	NYSCRR 371.4(d)(6)
	U230 Toxicity	NYSCRR 371.4(d)(6)
	U231 Toxicity	NYSCRR 371.4(d)(6)
	U239 Ignitability	NYSCRR 371.4(d)(6)
	U244 Toxicity	NYSCRR 371.4(d)(6)
	U249 Toxicity	NYSCRR 371.4(d)(6)
	U328 Toxicity	NYSCRR 371.4(d)(6)
	U353 Toxicity	NYSCRR 371.4(d)(6)

Table A2-1. Summary of Hazardous Waste Codes Stored, Handled, and Treated at the Niagara Plant (continued)

Remedial Sludges/Solids	B001 Toxicity	Listed Part 371.4(e)(1)
	B002 Toxicity	Listed Part 371.4(e)(1)
	B003 Toxicity	Listed Part 371.4(e)(1)
	B004 Toxicity	Listed Part 371.4(e)(1)
	B005 Toxicity	Listed Part 371.4(e)(1)
	B006 Toxicity	Listed Part 371.4(e)(1)
	B007 Toxicity	Listed Part 371.4(e)(1)
	D001 Ignitability	NYSCRR 371.3(b)
	D002 Corrosivity	NYSCRR 371.3(c)
	D003 Reactivity	NYSCRR 371.3(d)
	D004 Toxicity Characteristic	40 CFR 261.24
	D005 Toxicity Characteristic	40 CFR 261.24
	D006 Toxicity Characteristic	40 CFR 261.24
	D007 Toxicity Characteristic	40 CFR 261.24
	D008 Toxicity Characteristic	40 CFR 261.24
	D009 Toxicity Characteristic	40 CFR 261.24
	D010 Toxicity Characteristic	40 CFR 261.24
	D011 Toxicity Characteristic	40 CFR 261.24
	D012 Toxicity Characteristic	40 CFR 261.24
	D013 Toxicity Characteristic	40 CFR 261.24
	D014 Toxicity Characteristic	40 CFR 261.24
	D015 Toxicity Characteristic	40 CFR 261.24
	D016 Toxicity Characteristic	40 CFR 261.24
	D017 Toxicity Characteristic	40 CFR 261.24
	D018 Toxicity Characteristic	40 CFR 261.24
	D019 Toxicity Characteristic	40 CFR 261.24
	D020 Toxicity Characteristic	40 CFR 261.24
	D021 Toxicity Characteristic	40 CFR 261.24
	D022 Toxicity Characteristic	40 CFR 261.24
	D026 Toxicity Characteristic	40 CFR 261.24
	D027 Toxicity Characteristic	40 CFR 261.24
	D028 Toxicity Characteristic	40 CFR 261.24
	D029 Toxicity Characteristic	40 CFR 261.24
	D030 Toxicity Characteristic	40 CFR 261.24
	D031 Toxicity Characteristic	40 CFR 261.24
	D032 Toxicity Characteristic	40 CFR 261.24
	D033 Toxicity Characteristic	40 CFR 261.24
	D034 Toxicity Characteristic	40 CFR 261.24
	D035 Toxicity Characteristic	40 CFR 261.24
	D036 Toxicity Characteristic	40 CFR 261.24
	D037 Toxicity Characteristic	40 CFR 261.24
	D038 Toxicity Characteristic	40 CFR 261.24
	D039 Toxicity Characteristic	40 CFR 261.24
	D040 Toxicity Characteristic	40 CFR 261.24
	D041 Toxicity Characteristic	40 CFR 261.24
	D042 Toxicity Characteristic	40 CFR 261.24

Table A2-1. Summary of Hazardous Waste Codes Stored, Handled, and Treated at the Niagara Plant (continued)

Remedial Sludges/Solids (continued)	D043 Toxicity Characteristic	40 CFR 261.24
	F001 Toxicity	NYSCRR 371.4(b)
	F002 Toxicity	NYSCRR 371.4(b)
	F003 Ignitability	NYSCRR 371.4(b)
	F005 Ignitability & Toxicity	NYSCRR 371.4(b)
	F020 Acute Hazardous	NYSCRR 371.4(b)
	F027 Acute Hazardous	NYSCRR 371.4(b)
	F039 Toxicity	40 CFR 261.31
	K015 Toxicity	NYSCRR 371.4(c)
	K030 Toxicity	NYSCRR 371.4(c)
	K071 Toxicity	NYSCRR 371.4(c)
	K073 Toxicity	NYSCRR 371.4(c)
	K085 Toxicity	NYSCRR 371.4(c)
	K149 Toxicity	40 CFR 261.32
	K150 Toxicity	40 CFR 261.32
	K151 Toxicity	40 CFR 261.32
	P006 Reactivity and Toxicity	NYSCRR 371.4(d)(5)
	P011 Acute Hazardous	NYSCRR 371.4(d)(5)
	P012 Acute Hazardous	NYSCRR 371.4(d)(5)
	P022 Acute Hazardous	NYSCRR 371.4(d)(5)
	P028 Acute Hazardous	NYSCRR 371.4(d)(5)
	P030 Acute Hazardous	NYSCRR 371.4(d)(5)
	P050 Acute Hazardous	NYSCRR 371.4(d)(5)
	P098 Acute Hazardous	NYSCRR 371.4(d)(5)
	P104 Acute Hazardous	NYSCRR 371.4(d)(5)
	P106 Acute Hazardous	NYSCRR 371.4(d)(5)
	U002 Ignitability	NYSCRR 371.4(d)(6)
	U003 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U012 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U017 Toxicity	NYSCRR 371.4(d)(6)
	U019 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U023 Corrosivity, Reactivity, and Toxicity	NYSCRR 371.4(d)(6)
	U027 Toxicity	NYSCRR 371.4(d)(6)
	U031 Ignitability	NYSCRR 371.4(d)(6)
	U036 Toxicity	NYSCRR 371.4(d)(6)
	U037 Toxicity	NYSCRR 371.4(d)(6)
	U041 Toxicity	NYSCRR 371.4(d)(6)
	U044 Toxicity	NYSCRR 371.4(d)(6)
	U045 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U048 Toxicity	NYSCRR 371.4(d)(6)
	U050 Toxicity	NYSCRR 371.4(d)(6)
	U052 Toxicity	NYSCRR 371.4(d)(6)
	U055 Ignitability	NYSCRR 371.4(d)(6)
	U056 Ignitability	NYSCRR 371.4(d)(6)
	U057 Ignitability	NYSCRR 371.4(d)(6)
	U060 Toxicity	NYSCRR 371.4(d)(6)
	U061 Toxicity	NYSCRR 371.4(d)(6)
	U067 Toxicity	NYSCRR 371.4(d)(6)
	U070 Toxicity	NYSCRR 371.4(d)(6)
	U071 Toxicity	NYSCRR 371.4(d)(6)
	U072 Toxicity	NYSCRR 371.4(d)(6)
	U076 Toxicity	NYSCRR 371.4(d)(6)

Table A2-1. Summary of Hazardous Waste Codes Stored, Handled, and Treated at the Niagara Plant (continued)

Remedial Sludges/Solids (continued)	U077 Toxicity	NYSCRR 371.4(d)(6)
	U078 Toxicity	NYSCRR 371.4(d)(6)
	U079 Toxicity	NYSCRR 371.4(d)(6)
	U080 Toxicity	NYSCRR 371.4(d)(6)
	U081 Toxicity	NYSCRR 371.4(d)(6)
	U082 Toxicity	NYSCRR 371.4(d)(6)
	U101 Toxicity	NYSCRR 371.4(d)(6)
	U108 Toxicity	NYSCRR 371.4(d)(6)
	U109 Toxicity	NYSCRR 371.4(d)(6)
	U117 Ignitability	NYSCRR 371.4(d)(6)
	U121 Toxicity	NYSCRR 371.4(d)(6)
	U122 Toxicity	NYSCRR 371.4(d)(6)
	U123 Corrosivity and Toxicity	NYSCRR 371.4(d)(6)
	U125 Ignitability	NYSCRR 371.4(d)(6)
	U127 Toxicity	NYSCRR 371.4(d)(6)
	U128 Toxicity	NYSCRR 371.4(d)(6)
	U129 Toxicity	NYSCRR 371.4(d)(6)
	U130 Toxicity	NYSCRR 371.4(d)(6)
	U131 Toxicity	NYSCRR 371.4(d)(6)
	U133 Reactivity and Toxicity	NYSCRR 371.4(d)(6)
	U134 Corrosivity and Toxicity	NYSCRR 371.4(d)(6)
	U135 Toxicity	NYSCRR 371.4(d)(6)
	U144 Toxicity	NYSCRR 371.4(d)(6)
	U147 Toxicity	NYSCRR 371.4(d)(6)
	U151 Toxicity	NYSCRR 371.4(d)(6)
	U154 Ignitability	NYSCRR 371.4(d)(6)
	U157 Toxicity	NYSCRR 371.4(d)(6)
	U159 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U160 Reactivity and Toxicity	NYSCRR 371.4(d)(6)
	U161 Ignitability	NYSCRR 371.4(d)(6)
	U162 Ignitability and Toxicity	NYSCRR 371.4(d)(6)
	U165 Toxicity	NYSCRR 371.4(d)(6)
	U166 Toxicity	NYSCRR 371.4(d)(6)
	U167 Toxicity	NYSCRR 371.4(d)(6)
	U170 Toxicity	NYSCRR 371.4(d)(6)
	U183 Toxicity	NYSCRR 371.4(d)(6)
	U184 Toxicity	NYSCRR 371.4(d)(6)
	U188 Toxicity	NYSCRR 371.4(d)(6)
	U189 Reactivity	NYSCRR 371.4(d)(6)
	U190 Toxicity	NYSCRR 371.4(d)(6)
	U196 Toxicity	NYSCRR 371.4(d)(6)
	U201 Toxicity	NYSCRR 371.4(d)(6)
	U202 Toxicity	NYSCRR 371.4(d)(6)
	U207 Toxicity	NYSCRR 371.4(d)(6)
	U208 Toxicity	NYSCRR 371.4(d)(6)
	U209 Toxicity	NYSCRR 371.4(d)(6)
	U210 Toxicity	NYSCRR 371.4(d)(6)
	U211 Toxicity	NYSCRR 371.4(d)(6)
	U213 Ignitability	NYSCRR 371.4(d)(6)
	U219 Toxicity	NYSCRR 371.4(d)(6)
	U220 Toxicity	NYSCRR 371.4(d)(6)
	U221 Toxicity	NYSCRR 371.4(d)(6)

Table A2-1. Summary of Hazardous Waste Codes Stored, Handled, and Treated at the Niagara Plant (continued)

Remedial Sludges/Solids (continued)	U223 Reactivity and Toxicity	NYSCRR 371.4(d)(6)
	U226 Toxicity	NYSCRR 371.4(d)(6)
	U227 Toxicity	NYSCRR 371.4(d)(6)
	U228 Toxicity	NYSCRR 371.4(d)(6)
	U230 Toxicity	NYSCRR 371.4(d)(6)
	U231 Toxicity	NYSCRR 371.4(d)(6)
	U239 Ignitability	NYSCRR 371.4(d)(6)
	U244 Toxicity	NYSCRR 371.4(d)(6)
	U249 Toxicity	NYSCRR 371.4(d)(6)
	U249 Toxicity	NYSCRR 371.4(d)(6)
	U249 Toxicity	NYSCRR 371.4(d)(6)
Aqueous Liquids	D002 Corrosivity	NYSCRR 371.3(c)
	D004 thru D011 Toxicity Characteristic	40 CFR 261.24
	D012 thru D043 Toxicity Characteristic	40 CFR 261.24
	F001 Toxicity	NYSCRR 371.4(b)
	F002 Toxicity	NYSCRR 371.4(b)
	F003 Ignitability	NYSCRR 371.4(b)
	F004 Toxicity	NYSCRR 371.4(b)
	F005 Ignitability & Toxicity	NYSCRR 371.4(b)
	F020 Acute Hazardous	NYSCRR 371.4(b)
	F039 Toxicity	40 CFR 261.31
	U188 Toxicity	NYSCRR 371.4(d)(6)

Table A2-2A. OCC Niagara Plant Hazardous Waste Streams, Associated Hazards, and Basis for Hazard Designation

Waste Category	Niagara Plant Waste Identification Number and Description	Hazardous Waste Number and Hazard Code (a) (b)	Basis for Hazard Code
Process Organic Liquids	RB-01 Orthochlorotoluene (offspecification)	D001 Ignitable	Flash point less than 140°F
	RB-05 MCT Still Residue	K149 Toxic	Listed waste from a specific source
	RB-06 C-23 Catchall Residue	D003 Reactive K150 Toxic	Waste when mixed with water generates significant toxic fumes Listed waste from a specific source
	RB-07 M-22 BTC Residue	D003 Reactive K149 Toxic	Waste when mixed with water generates significant toxic fumes Listed waste from a specific source
	RB-07N N-Area BTC Residue	D003 Reactive K149 Toxic	Waste when mixed with water generates significant toxic fumes Listed waste from a specific source
	RB-10 Dechlorane Plus Residue	D033 TC D039 TC F002 Toxic	Fails leachate test for Hexachlorobutadiene Fails leachate test for Tetrachloroethylene Listed waste from non-specific source
	RB-11N N-Area Parachlorobenzo-trichloride Residue	D003 Reactive K149 Toxic	Waste when mixed with water generates significant toxic fumes Listed waste from a specific source
	RB-11LD N-Area Catchall Drain System	D003 Reactive K150 Toxic	Waste when mixed with water generates significant toxic fumes Listed waste from a specific source
	RB-12B PCBTF Still Residue with OCT	D001 Ignitable	Flash point less than 140°F
	RB-14 C-12 Acid Plant Catchall Residue	D003 Reactive K150 Toxic	Waste when mixed with water generates significant toxic fumes Listed waste from a specific source
	RB-16 API Separator Organic	D001 Ignitable K151 Toxic	Flash point less than 140°F Listed waste from a specific source
	RB-24 PCT Still Bottoms	D001 Ignitable K149 Toxic	Flash point less than 140°F Listed waste from a specific source
	RB-25 Niagara Plant Miscellaneous Burnables	Varies	Will vary according to where waste is generated
	RB-29 3,5-DCBOC Still Bottoms	D001 Ignitable D003 Reactive K149 Toxic	Liquid with flash point below 140°F Waste when mixed with water generates significant toxic fumes Listed waste from a specific source
	RB-31 Works Lab Miscellaneous Burnables	D001 Ignitable D002 Corrosive F002 Toxic F003 Ignitable F005 Ignitable and Toxic K149 Toxic	Flash point less than 140°F Liquid corrodes steel greater than 0.25 inches/yr. Listed from non-specific source Listed from non-specific source Listed from non-specific source Listed waste from a specific source
	RB-34 OCBC Still Bottoms	D003 Reactive K149 Toxic	Waste when mixed with water generates significant toxic fumes Listed waste from a specific source
	RB-37 M-22 Product Still Bottoms	D003 Reactive K149 Toxic	Waste when mixed with water generates significant toxic fumes Listed waste from a specific source

Table A2-2A. OCC Niagara Plant Hazardous Waste Streams, Associated Hazards, and Basis for Hazard Designation (Continued)

Waste Category	Niagara Plant Waste Identification Number and Description		Hazardous Waste Number and Hazard Code (a) (b)	Basis for Hazard Code
Process Organic Liquids (continued)	RB-51	N-Area Miscellaneous Residues	D001 Ignitable D004 TC	Flash point less than 140°F Fails leachate test for Arsenic
	RB-52	DCT Still Bottoms	K149 Toxic	Listed waste from a specific source
	RB-53A	NOCO Returned Product and Line Flushes	D001 Ignitable	Flash point less than 140°F
	RB-54	C-Area Blend	D003 Reactive K149 Toxic K150 Toxic	Waste when mixed with water generates significant toxic fumes Listed waste from a specific source Listed waste from a specific source
	RB-55	BTF Still Bottoms	D001 Ignitable	Flash point less than 140°F
	RB-56	OCBaC Still Bottoms	D003 Reactive K149 Toxic	Waste when mixed with water generates significant toxic fumes Listed waste from a specific source
	RB-57	Nitriles Residue O/PCBN	D001 Ignitable D002 Corrosive	Flash point less than 140°F Liquid corrodes steel greater than 0.25 inches/yr.
	RB-60	M-22 Residue Mix	D003 Reacative K149 Toxic	Waste when mixed with water generates significant toxic fumes Listed waste from a specific source
	RB-63	XBAL Still Bottoms	Non-Regulated	Non-Regulated
	RB-64	3,4-DCBTC Still Bottoms	Non-Regulated	Non-Regulated
	RB-65	MCBTF Still Bottoms	D001 Ignitable	Flash point less than 140°F
	RB-66	Trichloromethoxybenzene Residue	D003 Reactive	Waste when mixed with water generates significant toxic fumes
	RB-67	Nitriles Residue DCBN	D001 Ignitable D002 Corrosive	Flash point less than 140°F Liquid corrodes steel greater than 0.25 inches/yr.
	RB-68	DCOX Residue	D002 Corrosive	Liquid corrodes steel greater than 0.25 inches/yr.
Remedial Organic Liquids	RB-39	Energy Blvd Organics	B003 Toxic F039 Toxic	Liquid with PCB Concentrations over 500 ppm Listed from non-specific source
	RB-40	Hyde Park NAPL	B003 Toxic D001 Ignitable F020 Acute Hazardous	Contains PCB above 500 ppm Flash point less than 140°F Waste from a hazardous waste site cleanup
	RB-41	Taft NAPL	B003 Toxic F039 Toxic	Contains PCB above 500 ppm Listed from non-specific source
	RB-43	Durez Phenolics	Non-Regulated	Non-Regulated
	RB-44	S-Area NAPL	F039 Toxic	Listed from non-specific source
	RB-45	102nd Street NAPL	F020 Acute Hazardous U207 Toxic	PCDD/PCDF Detected Tetrachlorobenzene's account for >20% of stream
	RB-46	Niagara Plant NAPL	Varies	Will vary according to where waste is generated

Table A2-2A. OCC Niagara Plant Hazardous Waste Streams, Associated Hazards, and Basis for Hazard Designation (Continued)

Waste Category	Niagara Plant Waste Identification Number and Description		Hazardous Waste Number and Hazard Code (a) (b)	Basis for Hazard Code
Remedial Organic Liquids (continued)	RB-46F	Niagara Plant NAPL - F-Area	D001 Ignitable	Flash point less than 140°F
	RB-46N	Niagara Plant NAPL - N-Area	D001 Ignitable	Flash point less than 140°F
	RB-46T	Niagara Plant NAPL - T-Area	D001 Ignitable D008 TC D027 TC D033 TC D039 TC D040 TC	Flash point less than 140°F Fails leachate test for Lead Fails leachate test for 1,4-Dichlorobenzene Fails leachate test for Hexachlorobutadiene Fails leachate test for Tetrachloroethylene Fails leachate test for Trichloroethylene
	RB-47	Durez Plant NAPL	D018 TC D021 TC D027 TC U019 Ignitable, Toxic U037 Toxic U070 Toxic U071 Toxic U072 Toxic	Fails leachate test for Benzene Fails leachate test for Chlorobenzene Fails leachate test for 1,4-Dichlorobenzene Benzene Chlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene
	RB-49	Love Canal NAPL	F020 Acute Hazardous	Waste from a hazardous waste site cleanup
	RB-80	NAPL Blends	Varies	Will vary according to where waste is generated
Process Sludges/ Solids	BA-15	Parachlorobenzotrifluoride Spill Cleanup	D004 TC	Fails leachate test for Arsenic
	BA-47	Residue Incinerator Feed Screen Solids	D027 TC D033 TC D039 TC F002 Toxic K149 Toxic	Fails leachate test for 1,4-Dichlorobenzene Fails leachate test for Hexachlorobutadiene Fails leachate test for Tetrachloroethylene Listed waste from a non-specific source Listed waste from a specific source
	BA-139	C-56 Contaminated Process Waste	D033 TC D039 TC D040 TC	Fails leachate test for Hexachlorobutadiene Fails leachate test for Tetrachloroethylene Fails leachate test for Trichloroethylene
	BA-140	Spent Activated Alumina from Dechlorane Plus	D039 TC F002 Toxic	Fails leachate test for Tetrachloroethylene Listed from non-specific source
	BA-160	Excess Product Muratic Acid	D002 Corrosive	Waste exhibits corrosive characteristic
	BA-205PB	Waste Lead-Based Paint and Debris	D001 Ignitable D008 TC	Flash point less than 140 °F Fails leachate test for Lead
	BA-205	Waste Paint and Debris	D001 Ignitable	Flash point less than 140 °F
	BA-239	API Separator Filter Cake	K151 Toxic	Listed waste from a specific source
	BA-246	Dechlorane Plus Solids Cleanout	D039 TC F002 Toxic	Fails leachate test for Tetrachloroethylene Contains listed waste
	BA-250	C-56 Spill Cleanup	D006 TC D007 TC D019 TC D022 TC D033 TC D034 TC D039 TC D040 TC U130 Toxic	Fails leachate test for Cadmium Fails leachate test for Chromium Fails leachate test for Carbon Tetrachloride Fails leachate test for Chloroform Fails leachate test for Hexachlorobutadiene Fails leachate test for Hexachloroethane Fails leachate test for Tetrachloroethylene Fails leachate test for Trichloroethylene Listed commercial product
	BA-251	C-12 Sump Cleanout Solids	K151 Toxic	Listed waste from a specific source

A155

Table A2-2A. OCC Niagara Plant Hazardous Waste Streams, Associated Hazards, and Basis for Hazard Designation (Continued)

Waste Category	Niagara Plant Waste Identification Number and Description	Hazardous Waste Number and Hazard Code (a) (b)	Basis for Hazard Code
Process Sludges/ Solids (continued)	BA-252 M-22 Sump Cleanout Solids	F002 Toxic	Listed from non-specific source
	BA-253 Dilute Phosphoric Acid	D002 Corrosive D007 TC	Waste exhibits corrosive characteristic Fails leachate test for Chromium
	BA-254 Oil/Solvent Contaminated Solids	F001 Toxic	Listed from non-specific source
	BA-256 M-26 Central Sump Cleanout Sludge	F002 Toxic K149	Listed from non-specific source Listed waste from a specific source
	BA-258 C-23 Sump Mud	K151 Toxic	Listed waste from a specific source
	BA-260 C-Area Calgon Unit Filter Bags	K151 Toxic	Listed waste from a specific source
	BA-261 M-Area Calgon Unit Spent Carbon	D019 TC	Fails leachate test for Carbon Tetrachloride
	BA-263 N-Area HCl Filter Bags in Soda Ash	K150 Toxic	Listed waste from a specific source
	BA-264 Crushed Flourescent Light Bulbs	D009 TC	Fails leachate test for Mercury
	BA-265 Empty Aerosol Paint Cans	D001 Ignitable	Flash point less than 140 °F
	BA-269 M-15 Sump Cleanout Solids	D040 TC	Fails leachate test for Trichloroethylene
	BA-275 J-12 Dip Tank Acid	D002 Corrosive D007 TC D008 TC	Liquid corrodes steel greater than 0.25 inches/yr. Fails leachate test for chromium Fails leachate test for lead
	BA-278 O/PCBN Still Bottoms with OCT	D001 Ignitable	Flash point less than 140 °F
	BA-280 M-22 Vapor Pack Carbon	D039 TC	Fails leachate test for Trichloroethylene
	BA-281 C-56 Tank Vent Sorb Drums	U130	Listed commercial product
	BA-286 Xylene Spill Cleanup Solids	U239	Listed commercial product
	BA-289 Lead Gaskets	D008 TC	Fails leachates test for lead
	BA-290 Mercuric Iodide Solution from V-81	D009 TC	Fails leachate test for mercury
	BA-292 PCBC Liquids	D003 Reactive	Waste when mixed with water generates significant fumes
	BA-293 3,4-DCBN/3,4-DCBTC Liquids	D003 Reactive	Waste when mixed with water generates significant fumes
	BA-301 Spent Sulfuric Acid - Chlorine Drying	D002 Corrosive	Waste exhibits corrosive characteristic
	BA-500A Spent Safety-Kleen Solvent-A	D001 Ignitable D006 TC D008 TC D018 TC D035 TC D039 TC D040 TC	Flash point less than 140 °F Fails leachate test for Cadmium Fails leachate test for Lead Fails leachate test for Benzene Fails leachate test for Methyl ethyl ketone Fails leachate test for Tetrachloroethylene Fails leachate test for Trichloroethylene

Table A2-2A. OCC Niagara Plant Hazardous Waste Streams, Associated Hazards, and Basis for Hazard Designation (Continued)

Waste Category	Niagara Plant Waste Identification Number and Description	Hazardous Waste Number and Hazard Code (a) (b)	Basis for Hazard Code
Process Sludges/ Solids (continued)	BA-507 Oil Contaminated with Tetrachloroethylene	D039 TC F001 Toxic	Fails leachate test for Tetrachloroethylene Listed from non-specific source
	BA-509 NOCO Terminal - Orthochlorotoluene Flush	D001 Ignitable	Flash point less than 140 °F
	BA-601 Neutralized 3,5-DCBOC Solids	K149 Toxic	Listed waste from a specific source
	BA-602 Neutralized Benzoyl Chloride Solids	K149 Toxic	Listed waste from a specific source
	BA-604 Neutralized Parachloro-benzotrichloride Solids	K149 Toxic	Listed waste from a specific source
	BA-609 Neutralized Chlorinator Offgas Line Drainings	K150 Toxic	Listed waste from a specific source
	NR-275A PCB Transformer - Class A	B006 Toxic	PCB Transformers
	NR-275B PCB Transformer - Class B	B004 Toxic	PCB Articles containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs
	NR-288 Phosphorous Contaminated Debris	D001 Ignitable	Flash point less than 140 °F
	NR-290A PCB Oil	B003 Toxic	Petroleum oil or other liquid containing 500 ppm or greater of PCBs
	NR-290B PCB Oil	B002 Toxic	Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs
	NR-290C PCB Oil	B001 Toxic	PCB oil (concentrated) from transformers, capacitors, etc.
	NR-291A Trichloroethylene Flush (>500 ppm PCBs)	B003 Toxic F002 Toxic	Petroleum oil or other liquid containing 500 ppm or greater of PCBs Listed from non-specific source
	NR-291B Trichloroethylene Flush (50 to 500 ppm PCBs)	B002 Toxic F002 Toxic	Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs Listed from non-specific source
	NR-293 PCB Capacitors	B005 Toxic	PCB capacitors
	NR-294 Other PCB Solids	B007 Toxic	Other PCB wastes
	NR-343 Toluene Contaminated Solids	U220 Toxic	Listed commercial product spill cleanup
	NR-370 Chlorine Condensate Tank Sludge	D022 TC D040 TC	Fails leachate test for Chloroform Fails leachate test for Trichloroethylene
	NR-379 Waste Paint Solvent	D001 Ignitable D004 TC D007 TC D008 TC	Flash point less than 140 °F Fails leachate test for Arsenic Fails leachate test for Chromium Fails leachate test for Lead
	NR-382 N-Area Toluene/Acid Spill	U220	Listed commercial product
	NR-389 Surplus - Ethanol	D001 Ignitable	Flash point less than 140 °F
	NR-430 Perchloroethylene Spill Cleanup Solids	U210 Toxic	Listed commercial product
	NR-488A Demo - Drained Lead/Acid Batteries	D008 TC	Fails leachate test for Lead